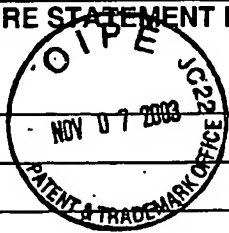


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Application No. <u>10010950</u>	Prepared by <u>owc</u>	Tracking Number <u>05879565</u>		
Examiner-GAU <u>Le</u>	Date <u>2/9/04</u>	Week Date <u>12-22-03</u>		
<u>2818</u>	No. of queries <u>-1-</u>	<u>-IPW-</u>		

JACKET			
a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. <u>PTO-1449</u>
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

SPECIFICATION	MESSAGE
a. Page Missing	<u>PTO-1449 Please either initial or line</u>
b. Text Continuity	<u>through citations. see attached.</u>
c. Holes through Data	
d. Other Missing Text	<u>Thank you</u>
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j. Amendments	
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<b>CLAIMS</b>	
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	initials

U.S. Department of Commerce, Patent and Trademark Office		Docket No.	Serial No.
(PTO Form 1449 modified)		AMAT/6392/DSM/LO W K/JW	10/010,950
<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		Applicant	Confirmation No.:
		Xia, et al.	5694
(Use several sheets if necessary)		Filing Date	Group
Examiner   Dung Anh Le		November 13, 2001	2818

**U.S. Patent Documents**

*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
	A1	2003/0139035	07/24/2003	Yim, et al.	438	643	09/19/2002
	A2	2003/0129827	07/10/2003	Lee, et al.	438	629	07/15/2002
	A3	2003/0111730	06/19/2003	Takeda, et al.	257	758	05/28/2001
	A4	2003/0089988	05/15/2003	Matsuura	257	758	08/13/2002
	A5	2003/0003765	01/02/2003	Gibson, Jr. et al.	438	760	01/02/2002
	A6	2003/0001282	01/02/2003	Meynen, et al.	257	777	06/25/2002
	A7	2002/0111042	08/15/2002	Yau, et al.	438	789	11/15/2001
	A8	2002/0093075	07/15/2002	Gates, et al.	257	531	01/14/2002
	A9						
	A10						
	A11						

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	C4	PCT International Search Report for US99/22425 dated February 11, 2000.
	C5	Dijkstra, et al. "Optimization of Anti-Reflection Layers for Deep UV Lithography", Proceeding of SPIE Optica/Laser Microlithography, Bellingham, SPIE, Volume 1674, (1992) Pages 362-375.
	C6	Omar, M.A. "Elementary Solid State Physics: Principles and Applications," Lowell Technological Institute, Addison-Wesley Publishing Company, 1975, Pages 124 & 125.
	C7	Fukuda, et al. "Highly Reliable SiOF Film Formation by ECR-CVD using SiF <sub>2</sub> H <sub>2</sub> ", (1996) Symposium on VLSI Technology Digest of Technical Papers, IEEE, Pages 114-115.
	C8	PCT International Search Report for US/02/40034, dated May 19, 2003.
	C9	Wu, et al, "Advanced Metal Barrier Free Cu Damascene Interconnects with PECVD Silicon Carbide Barriers for 90/65-nm BEOL Technology", 2002 IEEE Pages 595-598.

Examiner

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U.S. Department of Commerce, Patent and Trademark Office (PTO Form 1449 modified)		Docket No. AMAT/6392/DSM/LO W K/JW	Serial No. 10/010,950
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant Xia, et al.	Confirmation No.: 5694
(Use several sheets if necessary)		Filing Date November 13, 2001	Group 2818
Examiner Dung Anh Le			

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(Use several sheets if necessary)							PATENT & TRADEMARK		Filing Date If Appropriate	
Examiner			Dung Anh Le				Class		Subclass	
U.S. Patent Documents							Class		Subclass	
*Examiner Initial		Document Number	Issue Date	Applicant(s) Name		Class		Subclass		Filing Date If Appropriate
	A1	6,465,366	10/15/2002	Nemani, et al.		438		778		09/12/2000
	A2	5,926,740	07/20/1999	Forbes, et al.		438		763		10/27/1997
	A3	5,876,891	03/02/1999	Takimoto, et al.		430		71		05/26/1995
	A4	5,710,067	01/20/1998	Foote, et al.		437		238		06/07/1995
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	A6	5,607,773	03/04/1997	Ahlburn, et al.		428		427		12/20/1994
	A7	5,494,712	02/27/1996	Hu, et al.		427		589		11/17/1997
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	A9	5,242,530	09/07/1993	Batey, et al.		156		613		08/05/1991
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	A11	5,011,706	04/30/1991	Tarhay, et al.		427		39		04/12/1989
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	A13	4,532,150	07/30/1985	Endo, et al.		427		39		12/22/1983
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										YES

## Foreign Patent Documents

*Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
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	B2	00/19498	04/06/2000	WO	H01L	21/027	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO
	B3	1 176 226	01/30/2002	EP	C23C	16/32	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

## OTHER ART

*Examiner Initial	Including Author, Title, Date, Pertinent Pages, Etc.
C1	U.S. Patent Application No. 09/270,039, filed on March 16, 1999.
C2	Written Opinion from PCT/US99/22424, dated April 5, 2001.
C3	PCT Partial International Search Report for US99/22317 dated March 21, 2000.

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant Xia, et al.	Confirmation No.: 5694
(Use several sheets if necessary)		Filing Date November 13, 2001	Group 2818
Examiner   Dung Anh Le			

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*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
	A1	6,147,009	11/14/2000	Grill, et al.	438	780	06/29/1998
	A2	6,054,379	04/25/2000	Yau, et al.	438	623	02/11/1998
	A3						
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**Foreign Patent Documents**

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**OTHER ART**

*Examiner Initial		Including Author, Title, Date, Pertinent Pages, Etc.
	C1	PCT International Search Report for US/02/36229 dated 09/03/2003 (AMAT/6392.PC)
	C2	
	C3	

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Examiner   Dung Anh Le			

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*Examiner Initial		Document Number	Issue Date	Applicant(s) Name	Class	Subclass	Filing Date If Appropriate
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**Foreign Patent Documents**

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	C2	
	C3	

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